

IN THE CLAIMS

1. (Previously Amended) An image forming apparatus comprising:
a plurality of trays for receiving discharged sheets bearing a formed image,
a setting means for selectively setting the form of output with respect to at least one of
said plurality of trays, and
an image forming unit for forming an image on the sheets in the form of output set by
said setting means when the tray which the form of output has been set is selected as the
destination of discharged sheet.
2. (Original) An image forming apparatus according to claim 1, wherein said setting
means comprises a selector for selecting one tray from said plurality of trays and sets the form of
output with respect to the tray selected by said selector.
3. (Original) An image forming apparatus according to claim 1, wherein said setting
means sets the form of output with respect to each of said plurality of trays.
4. (Original) An image forming apparatus according to claim 1, wherein said form of
output serves the purpose of forming images each on the obverse and the reverse side of a sheet.
5. (Original) An image forming apparatus according to claim 1, wherein said form of
output serves the purpose of forming images of a plurality of pages on one sheet.

6. (Original) An image forming apparatus according to claim 1, wherein at least one of said plurality of trays is allocated to a specific user as a discharged destination.

7. (Previously Amended) An image forming apparatus comprising:
a plurality of trays for receiving discharged sheets bearing a formed image;
a setting means for setting the form of output with respect to at least one of said plurality of trays;

an image forming unit for forming an image on the sheets in the form of output set by said setting means when the tray which the form of output has been set is selected as the destination of discharged paper; and

an editing means for editing an image data in accordance with the form of output of an image and a memory for storing an image data edited by said editing means when the supply of sheets to be discharged runs out.

8. (Original) An image forming apparatus according to claim 7, wherein said edited image data has a smaller volume than the image data yet to be edited.

9. (Original) An image forming apparatus according to claim 1, which further comprises a receiving means for receiving data concerning the discharged destination and the form of output and an image data as a set, said image forming unit serving the purpose of forming an image on sheets based on the image data received by said receiving means.

10. (Previously Amended) An image forming apparatus comprising:

a plurality of trays for receiving discharged sheets bearing a formed image;

a setting means for setting the form of output with respect to at least one of said plurality of trays;

an image forming unit for forming an image on the sheets in the form of output set by said setting means when the tray which the form of output has been set is selected as the destination of discharged paper;

a receiving means for receiving data concerning the discharged destination and the form of output and an image data as a set, said image forming unit serving the purpose of forming an image on sheets based on the image data received by said receiving means; and

a judging means for examining the tray decided based on the received data of discharged destinations to judge whether or not the form of output has been set by said setting means, and a controller for invalidating the received data concerning the form of output when said judging means draws a judgment that the form of output has been set for said tray.

11. (Currently Amended) An image forming apparatus comprising:

a plurality of trays for receiving discharged sheets bearing a formed image,

a registering means for registering an output layout with respect to at least one of said plurality of trays,

a receiving means for receiving the information concerning the trays as discharged destinations and the output layout and the image data transmitted from an external device, a print unit for printing an image based on the received image data,

a judging means for examining the tray decided based on the received data of discharged destinations to judge whether or not the output layout has been registered by said registering means, and

a controller for causing said print unit, when said judging means judges that an output layout has been registered with respect to said tray, to produce prints in the registered output layout irrespective of the output layout which has been received.

12. (Previously Amended) An image forming apparatus comprising:

a plurality of trays for receiving discharged sheets bearing a formed image,

a setting means for selectively setting the size of sheet with respect to at least one of said plurality of trays, and

an image forming unit for supplying sheets of the size set by said setting means and forming an image on the supplied sheet when the tray which the size of sheet has been set is selected as the discharged destination.

13. (Original) An image forming apparatus according to claim 12, wherein said setting means comprises a selector for selecting one tray from said plurality of trays and sets the size of sheets to be discharged to the tray selected by said selector.

14. (Original) An image forming apparatus according to claim 12, wherein said setting means sets the sizes of sheets to be discharged respectively to said plurality of trays.

15. (Original) An image forming apparatus according to claim 12, which further comprises a receiving means for receiving the data concerning the discharged destination and the size of sheets and an image data as a set, said image forming unit serving the purpose of forming an image on sheets based on the image data received by said receiving means.

16. (Previously Amended) An image forming apparatus comprising:

a plurality of trays for receiving discharged sheets bearing a formed image;

a setting means for setting the size of discharged sheets with respect to at least one of said plurality of trays;

an image forming unit for supplying sheets of the size set by said setting means when the tray having set the size of discharged sheets is selected as the discharged destination and then forming an image on said sheets;

a receiving means for receiving data concerning the discharged destination and the size of sheets and an image data as a set, said image forming unit serving the purpose of forming an image on sheets based on the image data received by said receiving means; and

a judging means for examining the tray decided based on the received data of discharged destinations to judge whether or not the size of sheets has been set by said setting means, and a controller for invalidating the received data concerning the size of received sheets when said judging means has drawn a judgment that the size of sheet has been set for said tray.

17. (Previously Amended) An image forming apparatus comprising:

a plurality of trays for receiving discharged sheets bearing a formed image,

a setting means for selectively setting a post handling condition of discharged sheets with respect to at least one of said plurality of trays, and

a sheet processing unit for performing the post handling of sheets based on the post handling condition set by said setting means when the tray which the post handling condition has been set is selected as the discharged destination.

18. (Original) An image forming apparatus according to claim 17, wherein said post handling of sheets is a processing for stapling a bundle of sheets.

19. (Original) An image forming apparatus according to claim 17, wherein said post handling of sheets is a processing for punching sheets.

20. (Original) An image forming apparatus according to claim 17, which further comprises a receiving means for receiving the data concerning the discharged destination and an image data as a set, said image forming unit serving the purpose of forming an image on sheets based on the image data received by said receiving means.

21. (Previously Added) An image forming apparatus comprising;

a plurality of trays for receiving discharged sheets bearing a formed image, at least one tray being capable of being set as to post handling of discharged sheets and/or the form of output on the discharged sheets received by the at least one tray, the form of output that can be set for the at least one tray including (i) number of images formed on one sheet, (ii) forming images on each of the obverse and reverse side of a sheet and (iii) paper size;

a setting means for setting one or both of post handling of discharged sheets and form of output with respect to the at least one tray, setting form of output including setting any one or plurality of (i) number of images formed on one sheet, (ii) forming images on each of the obverse and reverse side of a sheet and (iii) paper size;

a sheet processing unit for performing the post handling of sheets set by said setting means when the tray having set the post handling of discharged sheets is selected as the discharged destination.

22. (Previously Added) An image forming apparatus comprising;

an image forming unit for forming an image on a sheet;

a plurality of trays for receiving discharged sheets bearing the formed image;

a receiving means for receiving image data and data concerning the discharged destination and the form of output of the formed image on the discharged sheets;

a setting means for setting the form of output of the formed image on the discharged sheets with respect to at least one tray of the plurality of trays; and

a controller directing the image forming unit to form an image on a sheet having the form of output set by the setting means when a tray where the form of output of the formed image has

been set is the discharged destination, and to form an image on a sheet having the form of output received by the receiving means when a tray where the form of output of the formed image has not been set is the discharged destination.

23. (Currently Amended) An image forming apparatus comprising;

a receiving unit for receiving image data and data concerning the discharged destination and the post handling condition,

a plurality of trays for receiving discharged sheets bearing a formed image,

a sheet processing unit for performing the post handling of the sheets,

a setting means for setting a post handling condition of discharged sheets with respect to

at least one of said plurality of trays, and

a controller directing the sheet processing unit to perform the post handling of sheets based on the post handling condition set by said setting means when the tray where the post handling condition has been set is the discharged destination and to perform the post handling of sheets based on the post handling condition received by said receiving unit when the tray where the post handling condition has not been set is the discharged destination.